(54) LANGUAGE PROCESSING M[redacted]OD
(11) 63-282878 (A) (43) 18.11.1988 (19) JP
(21) Appl. No. 62-118338 (22) 15.5.1987
(71) NIPPON HOSO KYOKAI <NHK> (72) KAZUHIKO OZEKI
(51) Int. Cl⁴. G06F15/20,G06F15/38

PURPOSE: To contract the capacity of calculation by storing an optimum construction of sentence and eligibility at the time of fixing the final clause and utilizing the stored contents for the calculation of a longer partial string.

CONSTITUTION: Optimum clause strings, upper optimum construction of sentence and their eligibility obtained at the time of fixing the final clause within the range of partial strings i, i+1,···, j of applied character string positions 1, 2,···, N are successively found out from the contents corresponding to a short partial string and stored, and when similar calculation is applied to a longer partial string including the short partial string, these stored contents are utilized. Consequently, a required result can be efficiently obtained without repeating the same calculation.

(54) COMMUNICATION SYSTEM FOR INTELLIGENT BUILDING
(11) 63-282879 (A) (43) 18.11.1988 (19) JP
(21) Appl. No. 62-118528 (22) 15.5.1987
(71) SHIMIZU CONSTR CO LTD (72) RYOICHI YABE(8)
(51) Int. Cl⁴. G06F15/21,H04M11/00

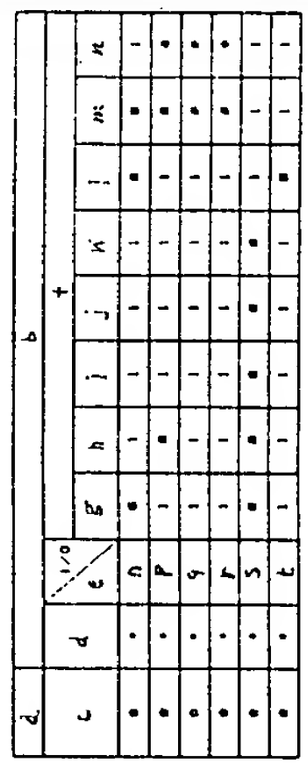
PURPOSE: To allow the titled system to totally satisfy tenant's needs by providing an information processor with an information subsystem for providing information to terminals in respective tenants, a receiving subsystem and an accounts subsystem.

CONSTITUTION: The information processor has the information subsystem for providing information to the terminals of respective tenants, the receiving subsystem for receiving prescribed inputs from the terminals of respective tenants and the accounts subsystem for executing the formation and issuing processing of bills based on the processing results of inputs received from the terminals of respective tenants. The information subsystem or the receiving subsystem in the communication system is selected from the terminal of each tenant room. Consequently, necessary information can be provided at any time and the use of the facility can be reserved and noticed. In case of using the charged facility based on its reservation or notice, a bill corresponding to the use is formed and issued by the accounts subsystem.

(54) TRANSACTION PROCESSOR
(11) 63-282880 (A) (43) 18.11.1988 (19) JP
(21) Appl. No. 62-117035 (22) 15.5.1987
(71) OMRON TATEISI ELECTRONICS CO (72) YOSHIHARU NISHIKAWA
(51) Int. Cl⁴. G06F15/30,G07D9/00

PURPOSE: To improve the operatability of the titled processor by executing reset processing in response to a reset command, deciding the normality/abnormality of the processing and deciding a transaction to be operated based on data relating to the normality/abnormality in an operatable performance table.

CONSTITUTION: When a reset command is inputted, reset processing based on an I/O apparatus is executed, data relating to the normality/abnormality of each I/O apparatus can be obtained and an available transaction is determined based on an operatable table setting up the data. When the sorts of transactions operatable against the normal/abnormal state of the I/O apparatus are previously determined, the contracted operation of the transaction sorts can be attained only by inputting a reset command at the time of generating a fault in the I/O apparatus, e.g. depressing a reset button, so that the operator can simply operate without requesting advanced judgement to the operator. In case of recovery, transfer to proper expanded operation can be attained only by depressing the reset button.



a: authorized table, b: operatable table, c: operatable flag, d: capability flag, e: transaction, f: I/O flag, g: paper money deposit part, h: paper money payment part, i: coin deposit part, j: coin payment part, k: lapped coin paying part, l: bankbook processing part, m: slip processing part, n: card processing part, o: deposit, p: payment, q: balance, r: transfer, s: exchange, t: entry